



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

February 11, 2019

Cynthia Ann Smith
Consultant
Conn & Smith, Inc.
6713 Catskill Road
Lorton, VA 22079-1113

Subject: PRIA Label Amendment – Addition of New Food Uses
Product Name: FRUITGARD
EPA Registration Number: 79814-5
Application Date: July 30, 2014
Decision Number: 494855

Dear Ms. Smith:

The application referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable under FIFRA Section 3(c)(7)(B), subject to the following conditions:

1. You must submit and/or cite all data required for registration/reregistration/registration review of your product under FIFRA when the Agency requires all registrants of similar products to submit such data.
2. You are required to comply with the data requirements described in the DCIs identified below:
 - a. Sodium Chlorite GDCI-020502-29789
 - b. Sodium Chlorite GDCI-020502-29790
 - c. Sodium Chlorite PDCI-020502-35621

You must comply with all of the data requirements within the established deadlines. If you have questions about the Generic DCI listed above, you may contact the Chemical Review Manager in the Pesticide Reevaluation Division:

http://www.epa.gov/oppsrrd1/contacts_prd.htm

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one (1) copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product

if it bears this new revised labeling or subsequently approved labeling. “To distribute or sell” is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

Should you wish to add/retain a reference to the company’s website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product’s label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA’s Office of Enforcement and Compliance.

Your release for shipment of the product constitutes acceptance of these conditions. If you fail to satisfy these data requirements, EPA will consider appropriate regulatory action including, among other things, cancellation under FIFRA section 6(e). If you have any questions, please contact Melanie Bolden by phone at (703) 347-0165, or via email at Bolden.Melanie@epa.gov.

Sincerely,



Demson Fuller, Product Manager 32
Regulatory Management Branch I
Antimicrobials Division (7510P)
Office of Pesticide Programs

Enclosure

ACCEPTED
02/11/2019
Under the Federal Insecticide, Fungicide
and Rodenticide Act as amended, for the
pesticide registered under
EPA Reg. No. 79814-5

Fruitgard®

Bactericide/Fungicide

For Use in Treatment of Listed Agricultural Commodities

ACTIVE INGREDIENT:

Sodium Chlorite.....3.2%

OTHER INGREDIENTS.....96.8%

Total 100.0%

KEEP OUT OF REACH OF CHILDREN

CAUTION

See side/back panel for Precautionary Statements

KEEP CONTAINER SEALED WHEN NOT IN USE

EPA Reg, No, 79814-5

EPA EST. No 79814-GA-001

ICA TriNova, LLC

1 Beaver St., Suite B

Newman, GA 30263 USA

866.622.7360

www.icatrinova.com

NET WT _____ gm.

SKU#FG-GKF=000X-000

sales@icatinove.com

Fruitgard®

PRECAUTIONARY STATEMENTS

HAZARD TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if inhaled. Causes moderate eye irritation. Avoid contact with eyes, skin, or clothing. Avoid breathing vapors. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

FIRST AID

If Inhaled	Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice
If on Skin	Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-29minutes Call a poison control center or doctor for treatment advice.
If in Eyes	Hold eyes open and rinse slowly and gently with water for 15-20 minutes Remove contact lenses, if present, after the first 5 minutes, and then continue rinsing. Call a poison control center or doctor for treatment advice.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact;1-800-373-7542 for emergency medical treatment information.

ENVIRONMENTAL HAZARD

This product is toxic to fish, aquatic invertebrates, oysters and shrimp.

PHYSICAL OR CHEMICAL HAZARD

DO NOT mix with acid or other chemical except as provided for in the "Directions for Use". Mixing with acids or other chemicals may cause evolution of chlorine dioxide gas which may be poisonous or explosive.

NOTE: Acid activation is intended to increase the release rate of chlorine dioxide from the granules. DO NOT combine or mix acidifiers and FruitGard in unwrapped container (i.e., containers that do not allow for the release of the chlorine dioxide gas) or closed containers. Trapped chlorine dioxide gas may decompose and overpressure the container or release heat and cause fire.

DIRECTIONS FOR USE

It is a violation of Federal law to use the product in a manner inconsistent with its labeling.

FruitGard granules are designed to release low levels of chlorine dioxide (ClO₂). Chlorine dioxide gas generated from FruitGard is effective in the control of [microorganisms responsible for decay and spoilage of potatoes, tomatoes and cantaloupes](#) during the storage and shipment of these raw agricultural commodities. Required dosages vary depending on the commodity to be treated and as outlined in the table below. These directions address the activation and use of these granules for treating raw agricultural commodities.

Treatment must take place in a suitable enclosed space. Two such treatment sites are Storage Rooms and Shipping Containers. Personnel must vacate the treatment space during the fumigation process [until chlorine dioxide levels are at or below the EPA RfC 0.003ppm or wear a NIOSH/MSHA approved respirator for chlorine dioxide. In air chlorine dioxide levels can be measured with a Model C16 Pota Sans II chlorine dioxide gas leak detector or equivalent measuring device.](#)

Prior to application, this product must be activated. Acid activation is intended to increase the release rate of chlorine dioxide from FruitGard. Activation may be accomplished by adding liquid or solid acid activators. Activate FruitGard material only at the point of application.

ACTIVATE IN A WELL-VENTILATED AREA. AVOID BREATHING FUMES.

DO NOT combine or mix acidifiers and FruitGard in unapproved or non-ventilated containers. Trapped chlorine dioxide gas may decompose and overpressure the container or release heat and cause fire.

Treatment Procedure:

1. Place the required amount of FruitGard into a suitable modified reactor. A modified reactor can be the breathable sachets provided with FruitGard, or a plastic container (Clamshell, box, pail, etc.) with a porous cover (such as Tyvek®) that allows for the release of chlorine dioxide gas. For very large quantities, use of multiple reactors is recommended.
2. Add the recommended amount of acid activator material to the modified reactor containing the FruitGard as shown below:
 - a)Liquid food grade acid

- i. Add 1 ounce of 50wt% citric acid solution per 1,000gms (2.2lbs) of FruitGard,
 - ii. Ad ½ ounce of 75wt5 phosphoric acid per 1,000gms (2.2lbs) of FruitGard
- b) Solid acid impregnate: -Mix equal amounts of FruitGard and the solid acid impregnate material (e.g., Z-Series™ ZF or ZPA)
3. Mix, the material by shaking or stirring gently the FruitGard will become active once mixed and begin releasing chlorine dioxide gas.
 4. Immediately place reactor vessel / modified reactor in the Treatment Container holding the Raw Agricultural Produce to be treated in a way that allows gas to freely migrate across the produce.
 5. Close the Treatment Container, treat for specific time for the RAC being treated.
 6. When the fumigation is complete, unseal the space and aerate as instructed. (Use ClO2 detection coupons to check chlorine dioxide concentration is at or below 0.1.

Use of FruitGard for Treatment of Raw Agricultural Commodities:

When used as directed, FruitGard kills [reduces][controls] spoilage and decay microorganisms such as bacteria and fungus, thereby protecting and extending the freshness and shelf life of the produce. FruitGard can be used as detailed below:

Produce Item	Maximum Amount Required	Minimum Treatment Time
Tomatoes	6.6gm/Kg	3hours
Potatoes	1gm/Kg	6hours
Cantaloupes	12.8gm/Kg	6hours

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

STORAGE: Store in a cool (preferably <75°F), dry, well ventilated area away from heat or open flame. Keep container sealed when not in use. Keep dry.

Page 4

PESTICIDE DISPOSAL: Pesticide waste are acutely hazardous. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal law. If these waste cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste Representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL: Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as

Page 4 of 5

follows: Empty the remaining contents into application equipment or a mix tank and drain for ten (10) seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Offer for recycling, if available.

WARRANTY CONDITIONS OF SALE

OUR RECOMMENDATIONS FOR THE USE of this product are based upon tests believed reliable. Follow directions carefully. Buyer assumes all risks of use, storage and handling of this material not in strict accordance and direction given herewith. In no case shall ICA TriNova, LLC or the seller be liable for consequential, special or indirect damage resulting from the use or handling of this product when use and/or handling is not in strict accordance with directions given herewith. The foregoing is a condition of sale by ICA TriNova, LLC and is accepted by the buyer.